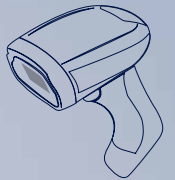
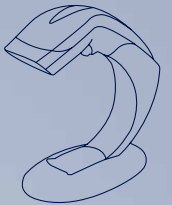
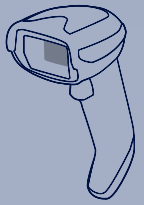


# HAND HELD SCANNERS

## Product Guide



# HAND HELD SCANNERS

Datalogic's Hand Held Scanner product line offers products and solutions for automatic data capture and process automation throughout the customer's entire value chain in the Retail, Manufacturing, Transportation & Logistics and Healthcare industries. The wide range of general purpose hand held readers offer a variety of choices for most data collection activities. Product sets propose corded and cordless options together with best in class reading technologies, ready to solve current and future needs and applications. Datalogic's PowerScan industrial hand held readers are data collection's definitive example of ruggedness and durability, coupled with outstanding performance and unyielding reliability.

## Technologies

- Linear and area imaging technology for 1D and 2D bar codes
- Megapixel performance and distinctive white-illumination technology
- Bluetooth® and Datalogic's STAR Cordless System™ radio connectivity
- Datalogic's exclusive 3GL™ (3 Green Lights) and 'Green Spot' technology
- Great ergonomics and cutting edge design
- Rugged enclosures; Durable and reliable
- Healthcare models with Disinfectant-Ready enclosures and anti-microbial additives
- Wireless battery charging system
- Adjustable position cradle with scan-while-charging capability
- Smart battery management

## HEALTHCARE



## MANUFACTURING



# INDUSTRY APPLICATION

## RETAIL

- Point of Sale Checkout
- Shelf Replenishment
- Price Checking
- Store Inventory
- Goods Receiving
- Postal, Bank, Utilities,
- Public Administration
- Access Control, Entertainment



## MANUFACTURING

- Manufacturing Shop Floor
- Component Traceability
- Work-in-Progress
- Sub-Assembly
- Quality Control
- Time and Cost Analysis
- Control Machines Set-up
- In-line Inventory Control



## T&L

- Shipping / Receiving
- Parcel Preparation
- Picking / Put Away
- Automatic Sorting Back-Up
- End of Line Sorting



## HEALTHCARE

- Bedside Care
- Admittance
- Clinical Lab
- Surgical tool tracking
- Blood bank
- Pharmacies



## RETAIL



## T&L



# GENERAL PURPOSE HAND HELD READERS

CORDLESS FEATURES	
<b>CONTACT</b>	0 to 5 cm / 0 to 2 in
<b>INSTINCTIVE</b>	0 to 30 cm / 0 to 12 in
<b>DISTANCE</b>	0 to 100 cm / 0 to 39 in
<b>LONG RANGE</b>	0 to 250 cm / 0 to 98 in
<b>AUTO RANGE</b>	Up to 10 m / 3 ft

TD1100 FAMILY	HERON™ FAMILY	
		
TD11XX	HD31XX	HD34XX
The TD1100 series of linear imagers are a cost-effective solution for users who require close contact bar code reading. Used in Retail, Services, Banking, etc.	The Heron HD3100 is a linear imager bringing high style and modern technology to the point-of-sale. Available in a 'carbon-fiber' or 'silver' design.	The Heron HD3430 2D area imager brings elegance with advanced 2D reading technology to the modern point-of-sale. Available in a 'carbon-fiber' or 'silver' design.

APPLICATIONS			
<b>Retail</b>	X	X	X
<b>Manufacturing</b>			
<b>Transportation &amp; Logistics</b>	X		
<b>Healthcare</b>			

FEATURES			
<b>Reading Technology</b>	Linear Imager	Linear Imager	Area Imager
<b>Reading Range</b>	Contact/Instinctive	Instinctive	Instinctive
<b>Aiming System</b>	Scan Line	Scan Line	4-Dot / Center Cross Aimer
<b>Wide Scan Angle</b>		X	
<b>Host Interface</b>	RS-232 / USB / Keyboard Wedge / Wand Emulation	RS-232 / USB / Keyboard Wedge	RS-232 / USB / Keyboard Wedge

DATA CAPTURE			
<b>Bar Codes</b>	1D	1D	1D and 2D
<b>Direct Part Marked (DPM) Codes</b>			
<b>Digital Watermarks</b>			
<b>Image Capture</b>			X
<b>Reads from Smartphone or screen displays</b>	X	X	X
<b>Datalogic's 'Green Spot' Technology</b>		X	X

RUGGEDNESS / DURABILITY			
<b>IP Rating (Particulate and Liquid Sealing)</b>	IP30	IP40	IP40
<b>Drop to Concrete</b>	1.5 m / 5.0 ft	1.5 m / 5.0 ft	1.5 m / 5.0 ft
<b>Factory Warranty</b>	5 Years	5 Years	5 Years

CORDLESS FEATURES			
<b>Wireless Technology (STAR / Bluetooth )</b>			
<b>Wireless Range - Travel Distance from Base</b>			
<b>Display / Keypad for 2-Way Communication</b>			
<b>Batch Mode Capability</b>			
<b>Battery Type</b>			
<b>Battery Life - Scans Between Charge</b>			
<b>Scan While Charging</b>			

# GENERAL PURPOSE HAND HELD READERS

## QUICKSCAN™ FAMILY



QW21XX	2131	QW24XX	2430
The QuickScan Lite QW2100 linear imager is an entry level reader specifically for reading long and truncated bar codes which is common in some areas of the world.	The QuickScan 2131 series is a linear imager featuring an extra-wide field of view for reading long bar codes. Available in Desk, Bluetooth® and Mobile (STAR radio) versions.	The QuickScan Lite QW2400 2D corded area imager is designed for reading long and truncated 1D codes and larger 2D codes from close range. It has an extra-wide field of view which allows the capture of these bar codes.	The QuickScan 2430 series are 2D area imagers with a new illumination and aiming system. Available in Desk, Bluetooth® and Mobile (STAR radio) versions.
X	X	X	X
X	X	X	X
X		X	X
Linear Imager	Linear Imager	Area Imager	Area Imager
Instinctive	Instinctive	Instinctive	Instinctive
Scan Line	Scan Line	Blue Aiming Dot	Two Blue Triangles
X	X	X	
RS-232 / USB / Keyboard Wedge	RS-232 / USB / Keyboard Wedge / OEM (IBM) USB	RS-232 / USB / Keyboard Wedge	RS-232 / USB / Keyboard Wedge / OEM (IBM) USB
1D	1D	1D and 2D	1D and 2D
X	X	X	X
X	X	X	X
IP42	IP42	IP42	IP42
1.5 m / 5.0 ft	1.5 m / 5.0 ft	1.5 m / 5.0 ft	1.5 m / 5.0 ft
3 Years	QD2131: 5 Years QBT2131: 3 Years QM2131: 3 Years	3 Years	QD2430: 5 Years QBT2430: 3 Years QM2430: 3 Years
	Bluetooth® 3.0 Class 2 STAR 2.0: 433 MHz		Bluetooth® 3.0 Class 2 STAR 2.0: 433 MHz
	25.0 m / 82.0 ft		25.0 m / 82.0 ft
	500 + Linear Codes		500 + Linear Codes
	Li-Ion 1400 mAh		Li-Ion 1400 mAh
	30,000 +		30,000 +
	QBT2131, QM2131		QBT2430, QM2430

# GENERAL PURPOSE HAND HELD READERS

RIDA™ FAMILY	GRYPHON™ FAMILY	
		
RIDA	41XX	45XX
<p>The DBT6400 is a cordless area imager with Bluetooth® technology in a pocket-sized form factor. Available in a Standard or Healthcare model.</p>	<p>The Gryphon 41XX linear imagers provide advanced reading and performance. Available in Desk, Bluetooth®, Mobile (STAR radio) and Healthcare versions.</p>	<p>The Gryphon 45XX 2D area imagers provide a new cutting edge design, megapixel optics and a unique wireless battery charging system. Available in Desk, Bluetooth®, Mobile (STAR radio), DPM and Healthcare versions.</p>
<p>X</p> <p>X</p>	<p>X</p> <p>X</p> <p>X</p> <p>X</p>	<p>X</p> <p>X</p> <p>X</p> <p>X</p>
Area Imager	Linear Imager	Area Imager
Instinctive	Distance	Distance
4-Dot Aimer	Scan Line	4-Dot/Center Cross Aimer
USB (with BC6020 only)	RS-232 / USB / Keyboard Wedge / Wand / IBM46XX available with accessory cable	RS-232 / USB / Keyboard Wedge / IBM46XX available with accessory cable
1D and 2D	1D	1D, 2D and Dotcode
		DPM Model
X		X
X	X	X
X	X	X
IP52	IP52	IP52
1.5 m / 5.0 ft	1.8 m / 5.9 ft; HC Model: 1.5 m / 5.0 ft	1.8 m / 5.9 ft
3 Years	GD4100: 5 Years GBT4100, GM4100: 3 Years	GD4500: 5 Years; GBT4500, GM4500: 3 Years
Bluetooth® 4.0	Bluetooth® 3.0 STAR: 433 or 910 MHz	Bluetooth® 4.0 STAR: 433 or 910 MHz
25.0 m / 82.0 ft	30.0 m / 98.4 ft	BT: Up to 100 m / 328 ft STAR: Up to 50 m / 164 ft
X	X	X
Li-Ion 700 mAh	Li-Ion 2550 mAh	Li-Ion 3250 mAh
	GBT: 30,000 + / GM: 50,000 +	GBT: 80,000 + / GM: 60,000 +
	GBT4100, GM4100	GBT4500, GM4500

# INDUSTRIAL HAND HELD READERS

## POWERSCAN™ FAMILY



91XX	93XX	95XX RETAIL	95XX
The PowerScan 91XX linear imagers introduce a new green scanning line for outstanding 1D data collection. Available in Desk, Bluetooth® and Mobile (STAR radio) versions.	The PowerScan 93XX laser readers offer state-of-the art performance in an industrial product. Available in Desk, Bluetooth® and Mobile (STAR radio) versions.	The durability of the PowerScan imagers are now available for the Retail sector. Available in Desk, Bluetooth® and Mobile (STAR radio) versions.	The PowerScan 95XX area imagers include omnidirectional reading with outstanding optical characteristics. Available in Desk, Bluetooth®, Mobile (STAR radio) and DPM versions.
X	X	X	X
X	X	X	X
X	X	X	X
Linear Imager	Laser	Area Imager	Area Imager
Distance	Distance / Auto Range	Instinctive / Distance	Instinctive / Distance Auto Range DPM Models: Contact / Instinctive
Laser-like Line	Laser Line	4-Dot/Center Cross Aimer	Frame Aimer/Center Cross X
RS-232 / USB / Keyboard Wedge / Ethernet / Industrial Fieldbus	RS-232 / USB / Keyboard Wedge / Ethernet / Industrial Fieldbus	RS-232 / USB / Keyboard Wedge	RS-232 / USB / Keyboard Wedge / Ethernet / Industrial Fieldbus
1D	1D	1D and 2D	1D and 2D DPM Model
		X	
		X	X
X		X	X
X	X	X	X
IP65	IP65	IP65	IP65
2.0 m / 6.6 ft	2.0 m / 6.6 ft	2.0 m / 6.6 ft	2.0 m / 6.6 ft
3 Years	3 Years	3 Years	3 Years
Bluetooth® 3.0 STAR: 433 or 910 MHz	Bluetooth® 3.0 STAR: 433 or 910 MHz	Bluetooth® 3.0 STAR: 433 or 910 MHz	Bluetooth® 3.0 STAR 2.0: 433 or 910 MHz
BT: Up to 100 m / 328 ft 433: Up to 100 m / 328 ft 910: Up to 400 m / 1,312 ft	BT: Up to 100 m / 328 ft 433: Up to 100 m / 328 ft 910: Up to 400 m / 1,312 ft	BT: Up to 90 m / 295 ft 433: Up to 50 m / 164 ft 910: Up to 100 m / 328 f	BT: Up to 90 m / 295 ft 433: Up to 100 m / 328 ft 910: Up to 150 m / 492 ft
PM9100	PM9300	PM9500 Retail	PM9500
X	X	X	X
Li-Ion 2150 mAh	Li-Ion 2150 mAh	Li-Ion 2150 mAh	Li-Ion 2150 mAh
PBT: 50,000 + / PM: 50,000 +	PBT: 50,000 + / PM: 50,000 +	PBT: 30,000 + / PM: 30,000 +	30,000 +
		Vertical Cradle	



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